

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Jong-Hwan CHA, *et al.*

Art Unit: To be assigned

Application No.: To be assigned

Examiner: To be assigned

Filed: Herewith

Atty. Docket: 06192.0094.DVUS01

For: **APPARATUS FOR MANUFACTURING  
A THIN FILM TRANSISTOR ARRAY  
PANEL FOR A LIQUID CRYSTAL  
DISPLAY (AS AMENDED)**

**Preliminary Amendment**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Please amend the above-identified patent application as follows.

***Amendments***

***In the Title:***

Please amend the title to read: -- Apparatus for Manufacturing a Thin Film Transistor  
Array Panel For a Liquid Crystal Display --.

***In the Claims:***

Please cancel claims 1-9 and add new claim 10 as follows:

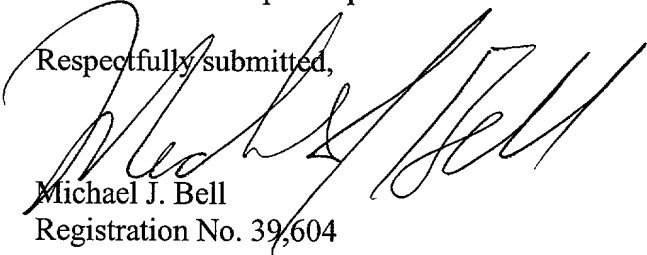
10. (New) An apparatus for depositing a layer on a substrate, comprising:  
a loadlock chamber that receives a substrate;  
a preheat chamber that heats the substrate before deposition;

a process chamber that deposits a metal layer on the substrate,  
wherein the substrate is transferred among the chambers in a vacuum while not  
exposed to ambient atmosphere.

### ***Conclusion***

It is respectfully requested that this amendment be entered prior to the examination of the  
above-referenced patent application. It is believed that no new matter is added by this  
amendment. If the Examiner desires any additional information, the Examiner is invited to  
contact applicants' attorney at the telephone number listed below to expedite prosecution.

Respectfully submitted,

  
Michael J. Bell  
Registration No. 39,604

Date: 2/14/01

**HOWREY SIMON ARNOLD & WHITE, LLP**  
Box No. 34  
1299 Pennsylvania Avenue, NW  
Washington, DC 20004-2402  
(202) 783-0800